



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Sparty Smith
SPECIES Canine
BREED Shepherd Mix
SEX Neutered male
AGE 11 years
WEIGHT 56 lbs

PRESENTING CLINICAL SIGNS
 History: Persistently elevated WBC with lymphocytosis. Non-symptomatic. Found on routine Senior exam and lab work. Have been monitoring since March.
 Abnormal PE/Chem/CBC/UA Results: CBC: WBC-27,790, was 25,000, 20,690, 23,130 Lymphs-19,640(1,050-5,100), was 12,140, 13,650, 14,300 Monos-3.170((160-1,120), was 2,740, 2,750, 2,910 Radiographs-3 view thorax-age-related calcification in some areas of the bronchioles, otherwise normal.

Chest radiographs were unremarkable.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 7.1 cm. The left kidney measured 5.8 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.58 cm at the cranial pole and 0.69 cm at the caudal pole. The right adrenal gland measured 0.74 cm at the caudal pole and 0.72 cm at the cranial pole.

IMAGING PERFORMED BY

Chaley Hunt, LVT

Spleen

The **spleen** was slightly enlarged with slight scalloping contour and subtle, granular micronodular changes given the patient's history. FNA of the spleen is warranted to assess hyperplasia versus emerging round cell neoplasia.

HOSPITAL NAME

Columbia AC

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,

REFERRING VET

Dr. Engel

INVOICE

32683

DATE

8/31/22



PATIENT

Sparty Smith

infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

Gastrointestinal

SPECIES

Canine

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

BREED

Shepherd Mix

Pancreas

SEX

Neutered male

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

AGE

11 years

ULTRASONOGRAPHIC FINDINGS

Subtle micronodular splenic changes.

Otherwise, age related abdominal changes.

WEIGHT

56 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the spleen is indicated. There was no other evidence of potential significant disease. Hyperplasia versus round cell neoplasia or splenitis. CBC path review is warranted paired with cytology from the spleen +/- bone marrow aspirate would all be indicated.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Chaley Hunt, LVT

HOSPITAL NAME

Columbia AC

REFERRING VET

Dr. Engel



INVOICE

32683

DATE

8/31/22



PATIENT

Sparty Smith

SPECIES

Canine

BREED

Shepherd Mix

SEX

Neutered male

AGE

11 years

WEIGHT

56 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Chaley Hunt, LVT

HOSPITAL NAME

Columbia AC

REFERRING VET

Dr. Engel

INVOICE

32683

DATE

8/31/22

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com